

Amendments to the ClaimsClaim 1 (currently amended):

An isolated, pesticidal protein wherein said protein consists of an amino acid sequence selected from the group consisting of the amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 443 of SEQ ID NO:2, or a fragment of said segment the amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 390 of SEQ ID NO:2, SEQ ID NO:6, and SEQ ID NO:8.

Claims 2-4 (canceled)Claim 5 (previously presented):

The protein of claim 1 wherein said protein consists of the amino acid sequence of SEQ ID NO:6.

Claims 6-7 (canceled)Claim 8 (previously presented):

The protein of claim 1 wherein said protein consists of the amino acid sequence of SEQ ID NO:8.

Claim 9 (currently amended):

The protein of claim 1 wherein said protein consists of an amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 390 of SEQ ID NO:2.

Claim 10 (currently amended):

A method of controlling a coleopteran pest wherein said method comprises contacting said pest with an isolated, pesticidal protein wherein said protein consists of an amino acid sequence selected from the group consisting of the amino acid segment of SEQ ID NO:2 from amino acid 44 12 to amino acid 443 of SEQ ID NO:2, or a pesticidal fragment of said segment the amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 390 of SEQ ID NO:2, SEQ ID NO:6, and SEQ ID NO:8.

Claims 11-13 (canceled)Claim 14 (previously presented):

The method of claim 10 wherein said protein consists of the amino acid sequence of SEQ ID NO:6.

Claims 15-16 (canceled)Claim 17 (previously presented):

The method of claim 10 wherein said protein consists of the amino acid sequence of SEQ ID NO:8.

Claim 18 (currently amended):

The method of claim 10 wherein said protein consists of an amino acid segment of SEQ ID NO:2 from amino acid 44 12 to amino acid 390 of SEQ ID NO:2.

Claim 19 (original):

The method of claim 10 wherein said protein is produced by and present in a plant.

Claims 20-21 (canceled)

Claim 22 (new):

The protein of claim 1 wherein said protein consists of the amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 443 of SEQ ID NO:2.

Claim 23 (new):

The method of claim 10 wherein said protein consists of the amino acid segment of SEQ ID NO:2 from amino acid 12 to amino acid 443 of SEQ ID NO:2.